

Queries to the Author

Chapter Number: 3

Chapter Title: Overview of Non-*Apis* Bees

Query	Description	Author's Response	Author's FINAL Response
1.	<p>Section: INTRODUCTION</p> <p>Author: The following citations have been changed as per the reference list. Please check. "Torchio, 1973" to "Torchio, 1983"; "Peach et al., 1994" to "Peach et al., 1995".</p>		Ok
2.	<p>Section: References</p> <p>Author: According to the general style, the references "Pitts-Singer, Theresa. December 9, 2011", "<u>Kasina, Muo. October 5, 2011.</u>", "<u>Krischik, Vera. 2011.</u>" have been removed from the reference list since they are personal communication.</p>		Ok
3.	<p>Section: References</p> <p>Author: Please provide in-text citations for the following references</p> <p><u>Abbott et al., 2008 (Orig usage in Chap 3 introduction and tables. Reference removed from intro and table reference moved to Table 8-4 in chap 8.)</u></p> <p><u>Babendreier et al., 2004 (Orig usage in several chapters, including Chap 3, subheading "Larvel Food Sources". This reference removed from all use in the manuscript. Why?</u></p> <p><u>Beekman and Ratnieks, 2000 (Orig usage in introduction to Chap 3.</u></p> <p><u>Gels et al., 2002 (Orig included in introduction to chap 3 (miscited as Gels 2008 in orig</u></p>	<p>Elements included in the Reference that are not included in text may be deleted from Reference</p> <p><u>Abbott et al.: context of the reference was in relation to an opinion about policy. Referenced in Chap 7 in Exposure; Chap 8 – Table on Test Methods for non-<i>Apis</i>; and Chap. 10 in discussion of higher tier testing with non-<i>Apis</i>.</u></p> <p><u>Babendreier et al.: this reference/info. Is relevant to Chap 7. In final version of Chap. 7 the direct ref. to 5% and Babendreier et al. was removed.</u></p>	<p>Abbott et al.: this citation has been added to the New Chap 3 text.</p> <p>Babendreier et al. There is no in-text citation for this ref. in the New Chap. 3. This reference should be removed from the reference list.</p> <p>Beekman and Ratnieks, 2000: There is no citation for this reference in the New Chap 3. and therefore can be removed from the Ref. section.</p> <p>Gels et al. 2002: please remove</p>

<p><u>manuscript) and table. Removed from Chap 3 intro and table moved to chap 10.)</u></p> <p><u>George and Rinker, 1982 (orig in Table 1 in Chap 3. Now moved to Table 10-5).</u></p> <p><u>Gradish et al., 2011a (orig in Table 1 in Chap 3. Now moved to Table 10-5).</u></p> <p><u>Gradish et al., 2011b (orig in Table 1 in Chap 3. Now moved to Table 10-5).</u></p> <p><u>Gradish et al., 2010 (orig in Table 1 in Chap 3. Now moved to Table 10-5. Be sure to move reference).</u></p> <p><u>Greenleaf et al., 2007 (Orig usage in "Sizw" section of non-apis chapter. Reference moved to non-apis section in exposure chapter)</u></p> <p><u>Hogdson et al., 2011 (not cited in original chapter submitted)</u></p> <p><u>Huntzinger et al., 2008 (orig cited in Table 1 and 2 on Chap 3. Now in Table 8-2 and 10-5. Be sure to move reference)</u></p> <p><u>Johansen and Mayer, 1990 (Orig cited twice in Chap 3, section on uncertainties in current test designs. One reference moved to Chap 7 (exposure), but Nesting Material reference eliminated.</u></p> <p><u>Johansen et al., 1984 (Orig cited in Chap 3 Table 1. Now in Table 10-5. Be sure to move reference.</u></p> <p><u>Kim et al., 2006 (orig cited twice in Chap 3 sections on nesting and distance between nesting and crops. Now in Chap 7 and Chap 13.)</u></p> <p><u>Konrad et al., 2008 (orig in section on "larval food sources", in table 1, and in section on "immature stages". Also was included in table in Chap ?? Refinement Options. Now, only referenced in Table 10-5.</u></p>	<p><u>but the text (p. 74, under sec. "Exposure at immature stages of non-Apis species") includes the information about exposure thru pollen.</u></p> <p><u>Geis et al.: didn't find it in orig. draft manuscript.</u></p> <p><u>Points about nesting material is contained in Chap. 7, p. 74.</u></p> <p><u>Points about foraging time and exposure are in Chap. 7, p. 75 and again in Chap 13 p. 276 for Risk Mitigation</u></p>	<p>this reference from the References of Chap. 3</p> <p>George and Rinker, 1982: orig in Table 1 in Chap 3. Now moved to Table 10-5. So, please remove this reference from Chap. 3 references.</p> <p>Gradish et al., 2011a: orig in Table 1 in Chap 3. Now moved to Table 10-5, ... this reference can be removed from the References of Chap. 3.</p> <p>Gradish et al., 2011b: orig in Table 1 in Chap 3. Now moved to Table 10-5 and can be removed from the References of Chap 3.</p> <p>Gradish et al., 2010 (orig in Table 1 in Chap 3. Now moved to Table 10-5, and can be removed from the Reference section of Chap. 3.</p> <p>Greenleaf et al., 2007 (Orig used in "Size" section of non-apis chapter. This citation was moved to non-apis section in exposure chapter. Please remove this reference from Chap. 3.</p> <p>Hogdson et al. 2011: This reference can be removed from the Ref. section of Chap. 3.</p> <p>Huntzinger et al., 2008 (orig cited in Table 1 and 2 on Chap 3. Now in Table 8-2 and 10-5. Be sure to move reference. Please remove this reference from Chap. 3</p> <p>Johansen and Mayer, 1990 (Orig cited twice in Chap 3, section on uncertainties in current test</p>
--	--	---

<p>Krischik, 2011 (personal communication. Removed from reference list)</p> <p>Ladurner et al., 2005 (orig in Table 1 and Table 2 in Chap 3. Now in table 8-2)</p> <p>Ladurner et al., 2008 (orig in Introduction and Table 1. Now gone from Chap 3.)</p> <p>Laurent and Rathahao, 2003 (orig in section on larval contact with pollen stores. Now gone altogether).</p> <p>Mayer et al., 1998 (orig in Tables 1 and 2. Now in Tables 8-2 and 10-5. Be sure to move reference).</p> <p>Mayer and Lunden, 1999. (orig in Table 1. Now in Table 10-5.</p> <p>Morandin et al., 2005 (orig in Table 1. Now in Table 10-5. Be sure to move reference)</p> <p>OEDC (Organization for Economic Co-operation and Development), 1998 (Not cited in original manuscript. Remove)</p> <p>Pereboom, 2000 (orig in section on larval food sources. Now in Exposure chapter. Need to review)</p> <p>Quezada Euán, 2009 (orig in Table 2. Now in Table 3-1. NEED TO CORRECT IN TEXT REFERENCE from “Quezada Euán & José Javier 2009” to “Quezada Euán 2009”. Jose Javier is his first name.</p> <p>Riedl et al., 2006 (orig cited in “foraging time and duration” section of chap 3. Looks like text moved to exposure chapter. http://extension.oregonstate.edu/catalog/pdf/pnw/pnw591.pdf THIS WEBSITE IS FOR THE RIEDL ET AL REFERENCE ABOVE.</p>	<p>Kondar et al.: Yes, orig. in Chap 3, and in Chap 7, under Immature Stages... the point being made in the two places and therefore redundant. It remains in Chap 7.</p> <p>I will check with SETAC/Wiley to see if it should be put back in.</p> <p>Ladurner et al.: This section was removed, it seemed to be (i) a policy recommendation that was out of place; and, (ii) superfluous to put a second party recommendation in the proceedings from a conference of international experts meeting on this very subject.</p> <p>Laurent and Rathahao, 2003: this reference should be added to Chap. 7, sec. “Exposure at immature stages of non-Apis species” p. 74-75 to where this</p>	<p>designs. One reference moved to Chap 7 (exposure), but Nesting Material reference eliminated.</p> <p>Johansen et al., 1984 (Orig cited in Chap 3 Table 1. Now in Table 10-5. Be sure to move reference.</p> <p>Kim et al., 2006 (orig cited twice in Chap 3 sections on nesting and distance between nesting and crops. Now in Chap 7 and Chap 13.)</p> <p>Konrad et al., 2008 (orig in section on “larval food sources”, in table 1, and in section on “immature stages”. Also was included in table in Chap ?? Refinement Options. Now, only referenced in Table 10-5.</p> <p>Krischik, 2011 personal communication: Removed from reference list. .. Please remove from the References of Chap 3.</p> <p>Ladurner et al., 2005: orig in Table 1 and Table 2 in Chap 3. Now in table 8-2. Please remove from the References of Chap. 3.</p> <p>Ladurner et al., 2008: orig in Introduction and Table 1. Now gone from Chap 3. Please remove from the References of Chap. 3.</p> <p>Laurent and Rathahao, 2003: orig in section on larval contact with pollen stores. Please remove this from the References of Chap. 3.</p> <p>Mayer et al., 1998: orig in Tables 1 and 2. Now in Tables 8-2 and 10-5. This can be removed from</p>
---	--	--

<p>Sampson et al., 2007 Shuler et al., 2005 Taséi, 2002 Taséi et al., 1988 Taséi et al., 2001 Tew, 1997 Thompson, 2001 Tuell and Isaacs, 2010 Vaissière et al., 1985 Valdovinos-Núñez et al., 2009 van der Steen, 1994 van der Steen et al., 2008 Waller, 1969 Winston, 1987</p>	<p><u>information (regarding "direct contact with the pollen") was moved.</u></p> <p><u>Quezada Euán, 2009: ok, in Table 3-1, in the cell for <i>Melipona beecheii</i>, the last ref. will be changed from: "Quezada Euán & José Javier 2009" to "Quezada Euán 2009"</u></p> <p><u>Sampson et al., 2007: moved to Chap. 7, sec. "Foraging Time and Mating"</u></p> <p><u>Shuler et al. 2005: moved to Chap. 7 and Chap. 13. In Chap. 7, see sec. "Nesting sites and nesting materials for non-<i>Apis</i> species" ... the reference in Chap. 7 is not as specific as in the original Chap 3 (i.e., identifying squash bees in pumpkin and squash fields). Citation is verbatim in Chap. 13, in sec. "Suggested Techniques to Mitigate Risks to Other Species of Bees"</u></p> <p><u>Taséi, 2002: not found in original Chap 3.</u></p> <p><u>Taséi et al. 1988: originally in Table 1, now in Table 8-2. (need to 2x check ref.)</u></p> <p><u>Taséi et al. 2001 is now in Table 10 -5, p. 228</u></p>	<p>the References of Chap 3.</p> <p>Mayer and Lunden, 1999.: orig in Table 1. Now in Table 10-5. This can be removed from the References of Chap. 3.</p> <p>Morandin et al., 2005: orig in Table 1. Now in Table 10-5. Be sure to move reference)</p> <p>OEDC (Organization for Economic Co-operation and Development), 1998: This can be removed from the References of Chap. 3.</p> <p>Pereboom, 2000: orig in section on larval food sources. Now in Exposure chapter. Please remove this from the References of Chap. 3.</p> <p>Quezada Euán, 2009: orig in Table 2. Now in Table 3-1, please <u>maintain</u> this reference in the References of Chap. 3. ... NEED TO CORRECT IN TEXT REFERENCE from "Quezada Euán & José Javier 2009" to "Quezada Euán 2009". (Jose Javier is his first name.)</p> <p>Riedl et al., 2006: orig cited in "foraging time and duration" section of chap 3. Text was moved to Chap 7. Please remove this reference from Chap. 3. Correct reference for this citation is: http://extension.oregonstate.edu/catalog/pdf/pnw/pnw591.pdf THIS WEBSITE IS FOR THE RIEDL ET AL REFERENCE ABOVE.</p>
---	---	---

	<p><u>Tew, 1997: remains in the references and needs to be moved to the references of Chapter 7, the citation, slightly modified is now in Chap. 7 ... p. 75.</u></p> <p><u>Thompson, 2001:</u></p> <p><u>Tuell and Isaacs, 2010: this citation can be inserted at the end of the second sentence of the section entitled "Conclusions" of Chap. 3.</u></p> <p><u>Vaissière et al., 1985: I cannot locate this reference in the old doc., please remove.</u></p> <p><u>Valdivinos-Núñez et al., 2009: This reference, along with the others in the sentence that discusses recommendations for specific non-A testing will be reworded... once it has, the appropriate citations should be included in the text and in the reference section.</u></p> <p><u>Mace and I will revise this text to be included in Chap. 3:</u></p> <p><u>Original text to be revised:</u></p> <p><u>"They have recommended that testing include at least one</u></p>	<p>Sampson et al., 2007: Moved to Chap. 7, therefore this reference can be removed from the References of Chap. 3.</p> <p>Shuler et al., 2005: this citation has been moved to chap. 7, therefore it can be removed from the References of Chap. 3.</p> <p>Taséi, 2002. : this citation/reference is not only in Chap 10... Please remove from the References of Chap 3.</p> <p>Taséi et al., 1988: This citation is now in Chap 8 (table 8-2) and so can be removed from the References of Chap 3.</p> <p>Taséi et al., 2001: This is now in Chap. 10. Please remove from the References of Chap. 3</p> <p>Tew, 1997: This is now in Chap. 7, it can be removed from the References of Chap. 3.</p> <p>Thompson, 2001: please <u>maintain</u> this reference in the Reference section of Chap. 3. It has been re-added to Chap 3.</p> <p>Also, can the manuscript be modified to include this citation/reference be in Chap. 8.;</p> <p>In Chap. 8, section entitled "Adult Toxicity Testing with non-Apis Bees" The second sentence of that section begins with, "Data currently available suggest... taken into account." ... please replace that sentence with</p>
--	---	---

	<p>solitary managed species, such as the wood-nesting alfalfa leafcutting bees (<i>Megachile rotundata</i>) or the blue orchard bees (<i>Osmia lignaria</i>) (Abbott et al. 2008, Ladurner et al. 2008), and one managed social non-<i>Apis</i> bee, such as bumble bees (e.g., <i>Bombus impatiens</i> or <i>B. terrestris</i>) in temperate climates (Thompson and Hunt 1999) and/or the highly social stingless bees (e.g., <i>Melipona</i> spp. or <i>Trigona</i> spp.) in the tropics (Valdovinos-Núñez et al. 2009).”</p> <p>van der Steen, 1994: This citation is now in Chap. 7, p. 76, please move this reference into chap. 7,</p> <p>van der Steen et al., 2008: This citation will now be included in Chap. 8 (see the text above in relation to the citation/reference for Thompson 2001.) Please include this “van der Steen et. al., 2008 reference among those for Chap.</p>	<p>the following text: “Lower tier toxicity tests (e.g. acute toxicity tests conducted in the laboratory) are somewhat limited, but comparative toxicities between <i>A. mellifera</i> and <i>Bombus</i> spp. have been reviewed by several authors (Thompson 2001, van der Steen et al. 2008). Comparison has been made both on a dose per bee level and a dose per gram of bee (factoring in the larger size of the bumble bee). The broad conclusions are that there is no consistent correlation between the toxicity for <i>Apis</i> and <i>Bombus</i> workers, but the general trends suggest that the toxicity to bumble bees is less on a per bee basis and similar on a per gram of bee basis.”</p> <p>The rest of that following sentence in that section begins with “This conclusion is based on analysis ...” this sentence and the rest of that paragraph should remain as is. Please include the following reference to Chap. 8 to accompany this new citation in this chapter, <i>Thompson HM, Hunt LV. 1999. Extrapolating from honeybees to bumblebees in pesticide risk assessment. Ecotoxicology. 8:147–166.</i></p> <p>Tuell and Isaacs, 2010: please insert this citation at the end of the second sentence of the section entitled “Conclusions” of Chap. 3, and maintain this reference in the References of Chap. 3.</p> <p>Vaissière et al., 1985. This</p>
--	---	--

	<p><u>§.</u></p> <p><u>Waller, 1969: this citation is now in Chap. 7. The reference to this citation currently exists among those for Chap. 7, therefore, this reference can be deleted from those references for Chap. 3.</u></p> <p>Winston, 1987: This citation is now in Chap. 7, please move the reference for this citation into the references for chapter 7.</p>	<p>reference can be removed from the Reference section of Chap 3.</p> <p>Valdovinos-Núñez et al., 2009: this citation has been added back into Chap. 3 in the Introduction section; therefore, please <u>maintain</u> this reference in the Reference section of Chap. 3.</p> <p>van der Steen, 1994. This citation is no longer in Chap. 3, it is in Chap 7. Therefore it can be removed from the Reference section of Chap. 3</p> <p>Formatted: Font color: Auto</p> <p>van der Steen et al., 2008: This citation/reference has been re-added to Chap. 3. Please maintain this reference in the Reference section of Chap. 3.</p> <p>Waller, 1969: This reference can be removed from the Reference section of Chap3..</p> <p>Winston, 1987: This citation is now in Chap. 7, please remove this from the Reference section for Chap 3.</p>
4. Section: References		Please change this reference to:

	<p>Author: Please provide the volume/issue number for “Gradish AE, Scott-Dupree CD, Cutler GC. 2011a” if published.</p>	<p>Gradish AE, Scott-Dupree CD, Cutler GC., Journal of Pest Science; March 2012 Vol. 85 Issue 1, p. 133</p>
6.	<p>Section: References</p> <p>Author: Author: The pp for the reference “Taséi JN. 2002” has been changed from “pp. 101–131, 332 pp” to “pp. 101–131, 332 pp”. Please check.</p>	<p>ok</p>